

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US02/41607

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : G01N 33/53; C07K 16/00

US CL : 435/7.1; 530/387.1

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 435/7.1; 530/387.1

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
Please See Continuation Sheet**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	YAMADA et al. Immunohistochemistry with antibodies to hepatocyte growth factor and its receptor protein (c-Met) in human brain tissues. Brain Res. 1994, Vol. 637, pages 308-312. See entire document.	1-14,16-18,20,26-30,33-34,40-44,46-48,53-64,67-69,73-75,77-79,81-83,85-91,93-95
A	PRAT et al. C-terminal truncated forms of Met, the hepatocyte growth factor receptor. Mol Cell Biol. December 1991, Vol.11, No. 12, pages 5954-5962. See entire document.	1-14,16-18,20,26-30,33-34,40-44,46-48,53-64,67-69,73-75,77-79,81-83,85-91,93-95

☐ Further documents are listed in the continuation of Box C.☐ See patent family annex.*** Special categories of cited documents:**

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier application or patent published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- "Δ" document member of the same patent family

Date of the actual completion of the international search

22 October 2004 (22.10.2004)

Date of mailing of the international search report

26 NOV 2004

Name and mailing address of the ISA/US

Mail Stop PCT, Attn: ISA/US
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450
Facsimile No. (703) 305-3230

Authorized officer

MINH-TAM DAVIS *J. Roberto for*
Telephone No. 571-272-1600

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Box I Observations where certain claims were found unsearchable (Continuation of Item 1 of first sheet)

This international report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claim Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:
2. ☐ Claim Nos.:
because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:
3. ☒ Claim Nos.: 15,19,21-25,31,32,35-39,45,49-52,65,66,70-72,76,80,84,92,96,100,104-106,116 and 120
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box II Observations where unity of invention is lacking (Continuation of Item 2 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:
Please See Continuation Sheet

1. ☐ As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☒ No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.: Please See Continuation Sheet

Remark on Protest

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☐

- The additional search fees were accompanied by the applicant's protest.
No protest accompanied the payment of additional search fees.

INTERNATIONAL SEARCH REPORT

PCT/US02/41697

BOX II. OBSERVATIONS WHERE UNITY OF INVENTION IS LACKING

This application contains the following inventions or groups of inventions which are not so linked as to form a single general inventive concept under PCT Rule 13.1. In order for all inventions to be examined, the appropriate additional examination fees must be paid.

Group I, claim(s) 1-14, 16-18, 20, 26-30, 33-34, 40-44, 46-48, 53-64, 67-69, 73-75, 77-79, 81-83, 85-91, 93-95, drawn to a monoclonal antibody to Met and a method for detecting Met.

Group II, claim(s) 97-99, 101-103, 107-115, 117-119, 121-125, drawn to a method for inhibiting cancer or angiogenesis using a monoclonal antibody to Met or a combination of a monoclonal antibody to Met and antibodies specific for hepatocyte growth factor.

The inventions listed as Groups I-II do not relate to a single general inventive concept under PCT Rule 13.1 because, under PCT Rule 13.2, they lack the same or corresponding special technical features for the following reasons:

An international stage application shall relate to one invention only or to a group of inventions so linked as to form a single general inventive concept. When claims to different categories are present in the application, the claims will be considered to have unity of invention if the claims are drawn only to one of the following combinations of categories: (1) A product and a process specially adapted for the manufacture of said product; or (2) A product and a process of use of said product; or (3) A product, a process specially adapted for the manufacture of the said product, and a use of the said product; or (4) A process and an apparatus or means specifically designed for carrying out the said process; or (5) A product, a process specially adapted for the manufacture of the said product, and an apparatus or means specifically designed for carrying out the said process. If multiple products, processes of manufacture or uses are claimed, the first invention of the category first mentioned in the claims of the application will be considered as the main invention in the claims, see PCT article 17(3) (a) and 1.476 (c), 37 C.F.R. 1.475(b) and (d). Group I will be the main invention. After that, all other products and methods will be broken out as separate groups (see 37 CFR 1.475(d).)

Group I, claims 1-14, 16-18, 20, 26-30, 33-34, 40-44, 46-48, 53-64, 67-69, 73-75, 77-79, 81-83, 85-91, 93-95 form a single general inventive concept.

Group II is an additional use claimed for the monoclonal antibody specific for Met.

Claims 15, 19, 21-25, 31, 32, 35-39, 45, 49-52, 65, 66, 70-72, 76, 80, 84, 92, 96, 100, 104, 105, 106, 116, 120 are improper independent claims and are not drafted in accordance with the second and third sentence of PCT Rule 6.4(a).

Continuation of Box II Item 4:

1-14, 16-18, 20, 26-30, 33, 34, 40-44, 46-48, 53-64, 67-69, 73-75, 77-79, 81-83, 85-91, and 93-95

Continuation of B. FIELDS SEARCHED Item 3:

DIALOG, WEST

Search terms: antibody, Met, PTA-4349, PTA-4477